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Claims:

1. A method of manufacturing an actuator comprising:

applying at least one layer of electrically-conductive material and at least one layer of electrically-insulative material to an actuator finger, wherein

said conductive material and said insulative material are applied one layer upon another in an alternating manner; and

said layer of insulative material is larger in area than said layer of conductive material such that an insulative layer, applied to said actuator finger and sandwiching a conductive layer between said insulative layer and said actuator finger, at least partially encloses and electrically isolates said conductive layer.

2. The method of claim 1, wherein said conductive material and said insulative material are applied one layer upon another in an alternating manner, the conductive material being the last layer applied.

3. The method of claim 1, wherein said conductive material and said insulative material are applied one layer upon another in an alternating manner, the insulative material being the last layer applied.

4. The method of claim 3, wherein a window is provided in the last insulative layer for placement of a bonding pad.

5. The method of claim 1, wherein said conductive material is a metal.

6. The method of claim 5, wherein said conductive material is from the group consisting of Gold, Platinum, and Copper.

7. The method of claim 1, wherein said insulative material is a piezoelectric ceramic material.

8. The method of claim 7, wherein said insulative material is lead zirconate titanate.

9. The method of claim 1, wherein said actuator finger is a hard disk drive micro-actuator finger.

10. An actuator component comprising:

at least one layer of electrically-conductive material; and

at least one layer of electrically-insulative material, wherein

said conductive material and said insulative material are to be applied to an actuator finger one layer upon another in an alternating manner; and

said layer of insulative material is larger in area than said layer of conductive material such that an insulative layer, applied to said actuator finger and sandwiching a conductive layer between said insulative layer and said actuator finger, at least partially encloses and electrically isolates said conductive layer.

11. The system of claim 10, wherein said conductive material is a metal.

12. The system of claim 11, wherein said conductive material is from the group consisting of Gold, Platinum, and Copper.

13. The system of claim 10, wherein said insulative material is a piezoelectric ceramic material.

14. The system of claim 13, wherein said insulative material is lead zirconate titanate.

15. The system of claim 10, wherein said actuator finger is a hard disk drive micro-actuator finger.

16. A piezoelectric actuator comprising:

an actuator finger to receive application of at least one layer of electrically-conductive material and at least one layer of electrically-insulative material, said application being one layer upon another in an alternating manner, wherein

said layer of insulative material is larger in area than said layer of conductive material such that an insulative layer, applied to said actuator finger and sandwiching a conductive layer between said insulative layer and said actuator finger, at least partially encloses and electrically isolates said conductive layer.

17. The system of claim 16, wherein said conductive material is a metal.

18. The system of claim 17, wherein said conductive material is from the group consisting of Gold, Platinum, and Copper.

19. The system of claim 16, wherein said insulative material is a piezoelectric ceramic material.

20. The system of claim 19, wherein said insulative material is lead zirconate titanate.

21. The system of claim 16, wherein said actuator finger is a hard disk drive micro-actuator finger.

22. A method of manufacturing an actuator comprising:

applying at least one layer of electrically-conductive material and at least one layer of electrically-insulative material to an actuator block, wherein

said conductive material and said insulative material are applied one layer upon another in an alternating manner to the actuator block in at least one actuator finger location; and

said layer of insulative material is larger in area than said layer of conductive material such that an insulative layer, applied to said actuator block and sandwiching a conductive layer between said insulative layer and said actuator block, at least partially encloses and electrically isolates said conductive layer; and

separating said actuator block into a plurality of actuators, each actuator having at least one actuator finger.

23. The method of claim 22, wherein separating is performed by a cutting tool from the group consisting of a wheel blade, a straight edge knife, electric sputtering, ion milling, and chemical vapor deposition.

24. The method of claim 22, wherein said conductive material is a metal.

25. The method of claim 23, wherein said conductive material is from the group consisting of Gold, Platinum, and Copper.

26. The method of claim 22, wherein said insulative material is a piezoelectric ceramic material.

27. The method of claim 26, wherein said insulative material is lead zirconate titanate.

28. The method of claim 22, wherein said actuator finger is a hard disk drive micro-actuator finger.